

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1-68 (canceled)

Claim 69 (currently amended) A method for a computer peripheral device ~~of a computer system~~ to monitor at least one mobility context and response to said mobility context change, the method comprising:

receiving ~~one or more instructions to specify~~ information related to at least one trigger condition;

storing said trigger condition in ~~a~~ said device;

monitoring current state of said mobility context;

evaluating trigger condition ~~with~~ based on said current state; and

outputting a signal if said current state satisfies the criteria of said trigger condition.

Claim 70 (currently amended) The method of claim 69, wherein said signal is for waking up or changing the power saving state of a part of an associated computer system ~~wakes up the host system of said computer system from power saving mode.~~

Claim 71 (currently amended) The method of claim 69, wherein said signal is for interrupting ~~interrupts~~ the host system of ~~said~~ an associated computer system for executing a job that is associated with said trigger condition

Claim 72 (currently amended) The method of claim 69, ~~further comprising:~~ wherein said information further comprises a callback identifier that is associated with said trigger condition, and said callback identifier is send to an associated computer system if said current state satisfies the criteria of said trigger condition.

~~associating a callback identifier with said trigger condition;~~

~~storing said callback identifier; and~~

~~outputting said callback identifier if said current state satisfies the criteria of said trigger condition.~~

Claim 73 (currently amended) The method of claim 69, wherein said information is related to multiple trigger conditions and one trigger condition is used to enable or disable another trigger condition ~~further comprising specifying the second trigger condition, wherein the first said trigger condition can be enable or disable when said current state satisfies the criteria of said second trigger condition.~~

Claim 74 (previous presented) The method of claim 69, wherein said mobility context is selected from the following group consisting of location context and proximity context.

Claim 75 (previous presented) The method of claim 74, wherein said location context is the position of said device in a referencing position system.

Claim 76 (currently amended) The method of claim 75, wherein said referencing position system uses multiple satellites as reference points ~~is Global Positioning System (GPS) referencing position system.~~

Claim 77 (previous presented) The method of claim 75, wherein said monitoring current state further comprising determining the current position of said device by triangulation method.

Claim 78 (currently amended) The method of claim 75, wherein said trigger condition is related to whether or not said device is within a pre-selected area in said referencing position system ~~is an area in said referencing position system and said trigger condition is satisfied if the current position of said device falls in said area.~~

Claim 79 (currently amended) The method of claim 74, wherein said proximity context is related to the presence of one or more wireless communication interfaces in proximity of said device.

Claim 80 (previous presented) The method of claim 79, wherein said monitoring current state further comprising:

receiving message on wireless media; and

decoding said message according to a communication protocol, wherein a wireless communication interface becomes present in proximity of said device if the identifier of this wireless communication interface is decoded from said message.

Claim 81 (currently amended) The method of claim 80, wherein said trigger condition ~~is~~ comprises a rule of presence of one or more ~~trigger identifiers that designate certain specific~~ pre-selected peer wireless communication interfaces ~~in proximity of said device.~~

Claim 82 (currently amended) The method of claim 81, further comprising recording the individual last detecting time of said pre-selected peer wireless for deriving the individual absence of said pre-selected

peer wireless communication interfaces ~~last receiving time of said trigger identifier, wherein said last receiving time further determines the absence of said trigger identifier.~~

Claim 83 (currently amended) The method of claim 81, wherein said identifier pertains to the physical link mechanism or the medium access control mechanism of said communication protocol ~~protocol~~ includes a media access control sub-layer protocol and said trigger identifier is an identifier used by said media access control sub-layer protocol.

Claim 84 (currently amended) The method of claim 83, wherein said ~~trigger~~ identifier is a media access control address.

Claim 85 (currently amended) The method of claim 81, wherein said identifier pertains to the network layer of said communication protocol or the upper layer ~~protocol includes Internet protocol layer and said trigger identifier is an identifier used by said Internet protocol layer.~~

Claim 86 (previous presented) The method of claim 85, wherein said trigger identifier is an Internet protocol (IP) address.

Claim 87 (currently amended) A computer peripheral device ~~of a computing system~~ to monitor at least one mobility context and response to a the change of said mobility context change, the peripheral device comprising:

- at least one receiver for receiving information related to the current state of said mobility context;
- at least one trigger condition that defines a trigger state of said mobility context;

a memory for storing said trigger condition; and
a checker configured to evaluate said trigger condition based on said current state and
output a signal when said current state meet the criteria of said trigger condition;

Claim 88 (currently amended) The device of claim 87, wherein said signal is for waking up or changing
the power saving state of a part of an associated computer system ~~wakes up a host system from power~~
~~saving mode.~~

Claim 89 (currently amended) The device of claim 87, further comprising a bus interface for connecting
to a bus of an associated computer system ~~an interface controller coupled to a host system, wherein said~~
~~host system send said trigger condition to said device through said interface controller.~~

Claim 90 (currently amended) The device of claim 87, wherein said signal is for interrupting ~~interrupts~~
the host system of ~~said~~ an associated computer system for executing a job that is associated with said
trigger condition.

Claim 91 (currently amended) The device of claim 87, further comprising a callback identifier that
associates with said trigger condition, wherein said callback identifier is stored in said device and is
transmitted to ~~said host~~ an associated computer system when said trigger condition is satisfied.

Claim 92 (currently amended) The device of claim 87, further comprising ~~the~~ a second trigger condition,
wherein the first said trigger condition can be ~~enable or disable~~ enabled or disabled when said current
state satisfies the criteria of said second trigger condition.

Claim 93 (previous presented) The device of claim 87, wherein said mobility context is selected from the following group consisting of location context and proximity context.

Claim 94 (previous presented) The device of claim 93, wherein said location context is the position of said device in a referencing position system.

Claim 95 (currently amended) The device of claim 94, wherein said referencing position system uses multiple satellites as reference points ~~is Global Positioning System (GPS) referencing position system.~~

Claim 96 (currently amended) The device of claim 94, wherein said trigger condition is related to whether or not said device is within a pre-selected area in said referencing position system ~~an area in said referencing position system and said trigger condition is satisfied if the current position of said device falls in said area.~~

Claim 97 (previous presented) The device of claim 94, wherein said receiver contains a processor configured to determine the current position of said device by triangulation method.

Claim 98 (previous presented) The device of claim 93, wherein said proximity context is the presence of one or more wireless communication interfaces in proximity of said device.

Claim 99 (previous presented) The device of claim 98, wherein said receiver contains a processor configured to decoding message on wireless media according to a communication protocol, wherein a wireless communication interface becomes present in proximity of said device if the identifier of this wireless communication interface is decoded from said message;

Claim 100 (currently amended) The device of claim 99, wherein said trigger condition ~~is~~ comprises a rule ~~of~~ related to the presence of one or more ~~trigger identifiers that designate certain specific~~ pre-selected wireless communication interfaces in proximity of said device.

Claim 101 (currently amended) The device of claim 100, further comprising means to record the individual last detecting time of said pre-selected wireless communication interfaces for deriving the individual absence of said pre-selected wireless communication interfaces ~~the last receiving time of said trigger identifier, wherein said last receiving time further determines the absence of said trigger identifier.~~

Claim 102 (currently amended) The ~~method~~ device of claim 100, wherein said identifier pertains to the physical link mechanism or the medium access control mechanism of said communication protocol ~~protocol includes a media access control sub layer protocol and said trigger identifier is an identifier used by said media access control sub layer protocol.~~

Claim 103 (currently amended) The device of claim 102, wherein said ~~trigger~~ identifier is a media access control address.

Claim 104 (currently amended) The ~~method~~ device of claim 100, wherein said identifier pertains to the network layer of said communication protocol or the upper layer ~~protocol includes Internet protocol layer and said trigger identifier is an identifier used by said Internet protocol layer.~~

Claim 105 (currently amended) The ~~method~~ device of claim 104, wherein said ~~trigger~~ identifier is an Internet protocol (IP) address.

Claim 106 (currently amended) A method for receiving an identifier for using as a trigger identifier in a trigger condition ~~to trigger of~~ a job ~~execution~~ comprising:

receiving by a ~~wireless~~ communication interface a data packet, wherein both designated sender and designated receiver and the transmitter address field and the receiver address field of said data packet are the same peer communication node contain the same identifier that designates to another wireless communication interface in proximity;
decoding said ~~the~~ identifier of said peer communication node ~~from said data packet;~~
and
storing said identifier.

Claim 107 (currently amended) The method of claim 106, further comprising receiving a signal, wherein said storing said identifier is further based on the time difference between receiving said identifier and receiving said signal:

~~receiving an instruction; and~~
~~giving a time delay tolerance, wherein said identifier is selected as trigger identifier only if the time difference between receiving said identifier and receiving said instruction is within said time delay tolerance.~~